BRUHAT BANGALORE MAHANAGARA PALIKE

BILL OF QUANTITIES (BOQ)

Name of work: Estimate for Improvements of Drains and Construction of Culverts in Hegadenagara Eastern 2nd Main and Both side Cross Road in Ward No. 06 Byatarayanapura Sub Division

Sl. No.	Approved Qty.	Description	Unit	Issued to Technical Manager , KRIDL	
				In Figures	In Words
1	**121.80**	KSRRB 300-1. Earth work excavation by manual means in Hard Soil soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications	cum	86.92	Rupees Eighty Six and Ninety Two Paise Only
2	**288.33**	KSRRB 300-1. Earth work excavation by manual means in Hard Soil soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications.	cum	86.92	Rupees Eighty Six and Ninety Two Paise Only
3	**1148.40**	Removing B.S Slab of Drain and stacking	Sqm	65.72	Rupees Sixty Five and
4	**1148.40**	Refixing stone slabs of drains and pointing in C.M (1:3)	Sqm	80.56	Rupees Eighty and Fifty
5	**287.10**	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar(1:6) including fixing curing etc, complete -do- 7.5 cms thick	Sqm	665.68	Rupees Six Hundred Sixty Five and Sixty Eight Paise Only
6	**52.17**	KSRB-4-1.3 : Providing and laying in position plain cement concrete of mix M 1:4:8 withOPC cement at 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications.	cum	5159.02	Rupees Five Thousand One Hundred Fifty Nine and Two Paise Only
7	**56.16**	KSRB 5.2.3 Providing and constructing granite / trap / basalt Size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.	cum	4438.22	Rupees Four Thousand Four Hundred Thirty Eight and Twenty Two Paise Only
8	**46.80**	KSRB 5.3-3 Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.	Sqm	5305.30	Rupees Five Thousand Three Hundred Five and Thirty Paise Only
9	**122.38**	KSRB 4-6.7 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1 m in depth including cost of all materials, labour complete as per specifications.	Sqm	271.36	Rupees Two Hundred Seventy One and Thirty Six Paise Only
10	**34.04**	KSRB 4-1.7 : : Providing and laying in position plain cement concrete of mix 1:3:6 withOPC cement @ 220kgs, with 20mm and down size graded granite metal coarse aggregates @0.84cum and fine aggregates @0.56cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications.	cum	5598.92	Rupees Five Thousand Five Hundred Ninety Eight and Ninety Two Paise Only
11	**104.00**	KSRB 15.1.3: Providing FLush pointing to coursed stone masonry with cement mortar 1:3, 20 mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications.	Sqm	102.82	Rupees One Hundred Two and Eighty Two Paise Only

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

20/04
E.E. (BTP. DIV)
20/04

Sl. No.	Approved Qty.	Description	Unit	Issued to Technical Manager , KRIDL	
				In Figures	In Words
12	39.47	KSRB 4.2.2 : Providing and laying in position plain cement concrete of mix M20 withOPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @0.459cum with superplastesisre @ 3lts conforming to IS9103-1999Reffirmed machine mixed exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, return walls, walls(any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc, including cost of all materials, labour HOM of machinery, curing, complete as per specifications.	cum	6371.66	Rupees Six Thousand Three Hundred Seventy One and Sixty Six Paise Only
13	3.08	KSRB 4.9.2:providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications.	Qtl	59413.00	Rupees Fifty Nine Thousand Four Hundred Thirteen Only
14	348.00	KSRB 5-14 : Providing and constructing precast concrete solid blocks with compressive strength not les than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20 cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications.	Sqm	993.22	Rupees Nine Hundred Ninety Three and Twenty Two Paise Only
15	783.00	Precast slab 20mm and down size for slab (including steel reinforcement) including centring and shutterng machine mixed concrete laid in layers not exceeding 15cms thick well compacted cost of all materials labour HOM of machineries curing complete as per specifications c.c 1:1.5:3 Including all cost of Matirial (DATA RATE ENCLOSED) 10cm thick RCC pre cast slab	Sqm	1856.67	Rupees One Thousand Eight Hundred Fifty Six and Sixty Seven Paise Only
16	410.13	Lead for Disposal of Debris shall be payable at carage rates by Mechanical means inlcuding loading and unloading. From 0.00 to 2.00 Km	cum	73.12	Rupees Seventy Three and Twelve Paise Only

1. The work should be executed as per the specification and standard specified by the PWD & Other specifications of the Bangalore Mahanagara Palike and as directed.
2. The work should be carried out as per the directions and instructions of the concerned Engineer
3. The Contractor should maintain the quality of work as per the standard specifications.

20/04

Executive Engineer (Byatarayanapura)
Bruhath Bangalore Mahanagara Palike

Executive Engineer
Byatarayanapura Division
BBMP, Bangalore-92

I am prepared to take up the above work at the rates quoted by me in the Schedule 'B'. 20/04

CONTRACTOR

EXECUTIVE ENGINEER
KRIDL, BBMP DIVISION
BENGALURU-560 010